1: Coon E-5 (1926-1927) 1931 MX3 Rif MX3

312 construction requires a great amount of skill. Where the sides of the valley are precipitous and rocky, the ditches are led around through olive logs hollowed out with the adze and supported by long wooden props; at times ditches are led even from one side of the valley to the other by means of these olive-wood troughs. The distribution of the *targa* coincides with that of *tikerathin*, or terraces, except in the lowland alluvial plains of Ajdir, Tiguissas, and other Mediterranean deltas, where irrigation is carried on without terraces. Irrigation is locally supposed to have been invented by the men of Iherrushen and Ikhqanen in the northern Gzennaya, and expert *targa* makers from these places are sent for to construct and repair ditches all over the Rif.

463 *hassi*, the well. Wells are constructed by itinerant craftsmen from the region of the 465 Draa, who wander about throughout the Rif seeking employment. They are never molested, since they are considered benefactors of mankind, and are paid well for their work. These men generally earn as much as twenty dollars for the construction of an average well, and find employment chiefly in flat arid country where there are no springs and where wells are a necessity.

241 **Communism in Agriculture.** The Riffians, living as they do close to the soil and often
735 not distantly removed from the prospect of starvation, have developed several social de-
476 vices whereby the poor may be prevented from perishing and the rich compelled partially to support them. These charitable practices are so ingrained that no one able to act as a benefactor to the poor would venture to criticize them in public or refuse to take part in them. They concern the three vegetable products which seem most deeply entwined with Riffian life: rye, grapes, and olives.

When a man wishes to sow rye on a mountain slope, he invites as many men as wish to do so to help him. Most men who have nothing else of importance to do accept the offer, and no one refuses without an adequate excuse. In this way a man of moderate means is assured of a plentiful crop of rye, to make up for his lack of other foodstuffs.

The crew works diligently from sunrise to sunset, after which they climb downhill to the house of the owner of the rye. The latter's womenfolk have meanwhile busied themselves preparing as ample a meal for the workers as the family's means will allow, and all eat and spend the evening together. If the family cannot provide very abundant rations, the workers seldom complain, since they consider their participation in the work as a form of charity, and their partaking of the food as a social gratification to the providers of it.

Similarly, in reaping season, anyone who wishes may come unbidden and help gather in the grain, whether it be rye, barley, or wheat, and is assured of an adequate meal at the end of the day in payment. In this way people who have finished their own work may be fed without drawing on their own supplies. Gleaning is left to the poor of the village.

241 If two farmers who own adjoining fields or terraces possess each but a single cow, they
476 yoke these together and plough their land in common. No family is without a cow, and since ploughs are constructed by the farmers themselves, or by neighbors especially adept at the art, without payment, the situation of a man with land and no cow or plough does not arise.

241 Irrigation ditches which water the tillage of more than one man are subject to communal
312 care. Each farmer is assigned a definite amount of water during each season when it is required, the amount depending on the amount of land requiring irrigation. The water is measured by days and half-days. Each season the farmer must send out a man for every

1: Coon E-5 (1926-1927) 1931 MX3 Rif MX3

day's water he receives, to work a day repairing the system after the heavy rains. Farmers who have each but a half-day's water pair off and draw lots to see which will work, since no one is allowed to work half a day only.

At the arrival of the grape-picking season, all the poor families who have no vines and the rich landowners who have many, assemble in the village mosque, on a Sunday, chosen for this occasion because it is considered a lucky day for grapes and supposed to be immune from thunderstorms. Before this date no one may pick grapes. The local administrative council, which has summoned the families now present before it, assigns to each rich family a poor one, all members of which are to help the vine owners. The aides thus chosen assist the others in picking their grapes, washing them in *fathis* ash and water, and in setting them out to dry. No group may begin picking until all assignments have been made. After the work is done and the raisins have been dried, the rich family gives its helpers a generous quantity of the raisins. There is no set rule dictating how much shall be given, but the families benefiting from this form of charity seldom have cause to complain. If after the allotment of families there are some poor ones still remaining, the council sets them to work picking the grapes which are the property of the local mosque or saint's tomb. The workers who pick and cure these grapes are given a fourth of the product.

All the olive trees in a village, although owned by a number of different individuals and by the mosque or by a saint's tomb, are located together on the banks of the nearest stream, below the lowest terrace. The shaded area beneath the trees is a place for various types of gatherings, one of which is directly concerned with the trees themselves. When the olives are ripening and windfalls begin to collect on the ground beneath the trees, the administrative council sets the first Friday of this season as the official day for gathering them. Early in the morning most of the families, especially the poor ones, come to the olive grove and await the arrival of the council members. The latter give the signal to start, upon which the people rush under the trees and gather up the windfalls. They are not allowed to touch any olives on the trees or to start before the signal is given.

Each olive tree owner's name is written on a list in the possession of the *adl*, an officer comparable to a town clerk. A farmer is allowed to use the grinder and press, which are communally owned, only when his turn has come around. He may employ it only for a certain number of days, depending on the amount of olives his trees are capable of producing. In this way he is prevented from idling or wasting his time at the press. During the time he is there, he is required to give one cup of oil each day to each of the following:

1. The *fkih*, who keeps half of it for his personal use and saves the rest for the lamp in the mosque. This is called the cup of the mosque.
2. The *mokaddem*, or caretaker, of the mosque, who collects a cup to be sold or stored, the proceeds to be reserved for hospitality, cartridges for the village, and fines imposed upon the whole village. This is called the cup of the grinding wheel.
3. The students in the local primary school, who collect a cup which they sell or consume as food. This is called the cup of the students.
4. If there is a saint's tomb in the territory of the village, a fourth cup must be given it for its lamp.

1: Coon E-5 (1926-1927) 1931 MX3 Rif MX3

shelters. Even the Metalsa and Beni Bu Yahyi, who live entirely in tents, do not make them.

When a house is being built, neighbors come in from all sides to help, especially with transporting heavy logs and setting them into place. These workers are rewarded for their voluntary services by a huge repast cooked every night by the owner of the house. When the lintel of the door is put in place, the owner of the house slaughters a hen under it in the doorway, so that the blood spatters the threshold and the lintel. This action is followed by a delay in work while a special feast is eaten. Similarly, when the ridgepole has been set in place, the owner climbs astride it with a goat, or, if he be poor, with a hen, and slaughters the animal, holding it in such a way that its blood will spatter the ridgepole. After this he throws the carcass down, and the meat is made into festive food.

The interiors of all houses are whitewashed more or less frequently, and the beams too are generally whitewashed. Sometimes a streak of the whitewash is put around the rims of the windows on the outside. Only in the case of mosques and marabutic tombs, however, is the outside of a building ever completely whitewashed, and then it is obligatory. When one sees a mosque or tomb without this distinctive feature one may be sure that the structure has been abandoned for a long time.

Intrusive Features, Usually Associated with Mosques. *The Moorish arch* in doors and windows is found only in the Senhaja Sghir excepting Beni Gmil. It is probably an innovation recently brought from Fez or Sheshawen, and may be used on dwellings as well as on religious structures.

Domes are found on saints' tombs in Galiya, Kebdana, Beni Said, Beni Ulishk, Beni Tuzin, Temsaman, Tafersit, Ajidir, Bokoya, Targuist, Beni Itteft, and Beni Bu Frah. Since domed tombs were built entirely by Spanish "renegados," or fugitives who entered the Rif and became Riffianized in religion and culture, they can hardly be regarded as a Riffian cultural feature. (See plate 22.)

Tiled roofs are found only in Zawia et-Tifah of Ikhemrijen, in Targuist. These tiles, of the same green-glazed variety as those found in the cities of Arab Morocco, were brought from Fez and were set up by "renegados." (See plate 22.)

Minarets. The only minaret in the Rif, to my knowledge, is that connected with the Zawia et-Tifah at Targuist — obviously an imported feature. (See page 22.)

Mosques differ from ordinary habitations not only in the possession of an external coat of whitewash, but also in that they are seldom built so as to form a courtyard, the rooms being frequently strung out in a line or in irregular order. In this way the porches, which in ordinary houses face on the courtyard only, are visible from the outside.

Tents. The Metalsa and Beni Bu Yahyi live in tents made of woven goat hair and *halfa* braids, the *halfa* serving as warp and the goat hair as weft in this peculiar fabric. The Beni Bu Bekar and the Ait Driss, members of the Metalsa living near Beni Mohammed of the Gzennaya, inhabit houses built like those of Beni Mohammed instead of tents. (See plate 22.)

The tent cloth, rectangular, its length greatly exceeding its breadth, is held up by a three-pole arrangement resembling the Greek letter π. The two upright sticks, which are socketed into the top one, are called *iamuthen*, and the top stick, or ridgepole, is called the *aghiur n usun*, or tent-donkey; its length equals about half the breadth of the tent. These three relatively short pieces of timber can be taken apart when the tent is dismantled, and take up very little room. The tent is held down on the sides by pegs, called *izhazhen*, sepa-

3: Hart E-5 (1953-1954)1954 MX3 Rif MX3

The akhammās contract is the most
common type, but also current is a slightly different class of association, called *ifarādhen* (Arabic *bil-fard*): two farmers who own plots of land more or less equal in size, but who do not have enough equipment to plow them on their own, join forces; the harvest is divided equally between the two parties. This form is particularly prevalent if each man concerned only possesses one cow or one mule. A third kind of association, called *dhūrī*, is very common in irrigable land; in this, one man supplies the land and half the seed, and the other the rest of the seed and the plowing equipment (animals and plow). The actual work, which may be done by an *akhammās*, and the payment of other hired personnel to help with the reaping, is taken care of by both parties, and the net profit, deducting one-fifth for the *akhammās*, is divided in half.

Except in the Bay of Alhucemas, where irrigation is practiced without terracing, and in the valley of the Upper Ghīs, where there is much terracing but little irrigation, irrigation ditches (*tharghat*, pl. *tharghiwīn*) and terraced fields, gardens and orchards are everywhere else to be found jointly in Aith Wuryāghil; the distribution of the one is virtually the same as that of the other. Ownership of irrigation water is largely dependent upon ownership of land, for in Aith Wuryāghil the owner of a plot of land is also the owner of the subsoil, and the waters which pass through his territory belong to him. Water is utilized by human beings, animals, lands and industries; rights of preference are in that order, the industries being represented by water mills (3), the owners of which receive one-tenth of the grain which the mills grind as their commission.

The Rīf, however, is a land not favored by nature, and water is a perennial problem. In Aith Wuryāghil, the people in the mountains receive first use of the water, while those in the Bay of Alhucemas irrigate with the remainder. The turns of each family in getting water are based on the principle of equal distribution, and natural means are used to calculate the time. Men have first call on water consumption, and the rest is reserved for women, for whom it is custo-

(3) Blanco Izaga, Emilio: El Rif (2.ª parte-La Ley Rifeña): II. Los Cánones Rifeños Comentados, Ceuta 1939, pp. 101-138.

7: Mikesell K-4,5. (1955-1957) 1961 MX3 Rif MX3

Contracts and Coöperation

675 464 171 241 When tribesmen are unable or unwilling to work their own land, contracts are made between the wealthier and the poorer members of a community; those who have little land or equipment hire themselves out to those who have more. Farmers who have more animals than they or their sons can manage, make agreements with others to care for the herd. The hired shepherds, while the animals are in their hands, receive part of the milk and butter, some of the young that are born, and, if the animals are sold, a share of the profit. The shepherd receives part, sometimes half, of the wool. Full-time employment as a shepherd is considered rather degrading, and for this reason it is the common occupation of exiles and orphans.

Vegetable gardens, orchards, and fields may be cared for by hired laborers. If their job entails the difficult task of setting up terraces, they may get up to a third of the crop. If they perform all the operations necessary for cereal cultivation, they receive a fifth of the crop. If the hired hand needs an assistant during the reaping, the latter is paid with a tenth of the harvest. Associations of this sort are not common; farm labor is ordinarily done by the landowner and his sons.

476 241 171 A second type of association takes place when two farmers own plots of about the same size but do not have enough animals or equipment to work their land independently. The two farmers join forces, each supplying his share, and the harvest is divided between them. This form of coöperation is common when a farmer has only one draft animal. In irrigated areas, one man may supply the land and part of the seed, and another the rest of the seed, the animals, and the plow. Since most communities are kinship groups, coöperation of this sort is usually among brothers or cousins."

Inheritance

428 171 The inheritance of property" in most of Morocco follows standard Maliki practice, which allots a share to each son equal to that falling to two daughters. When a man dies his widow first receives one-eighth of his property and the remainder is divided among the sons and daughters. All sons inherit equally, as do all daughters. If a man dies leaving a widow and daughters only, the widow gets one-eighth and the remainder is divided into three parts, of which the daughters receive two and the father's brother one. If the father has no brothers, the rest (aside from the widow's share) goes to the daughters. If he does have brothers, and dies leaving only one daughter, she receives half of the property (minus the widow's share) and the brothers get the other half. If a man dies leaving no children, his widow receives a fourth of his property and the rest goes to the brothers. If a man with children dies prior to his father, the children have no right to the property and receive shares only if the grandfather agrees to such a division.

[423] Moroccans are very reluctant to divide up their land. When brothers inherit land they customarily work it jointly, the eldest brother acting as a substitute

[113] On contracts and coöperation, see also A. Sánchez Pérez, "Aprovechamientos comunales y formas de cooperación en el Rif," *Selección de conferencias pronunciadas en la Academia de Interventores durante el curso 1950–51* (Tetuán: Imprenta Cremades, 1951), pp. 95–104.

[113] This paragraph is based upon the remarks of D. M. Hart in *Morocco: Subcontractor's Monograph* (New Haven: Human Relations Area Files, 1956), pp. 141–143.